

Title (en)
Control panel

Title (de)
Bedienpanel

Title (fr)
Tableau de commande

Publication
EP 1705163 A1 20060927 (DE)

Application
EP 06005899 A 20060322

Priority
DE 102005013884 A 20050324

Abstract (en)
A panel (1) substrate, comprising a dielectric, e.g. glass, glass-ceramic or ceramic, has several colored layers (3) which can be fired onto the rear, comprising vitreous enamel or ceramic. It also includes one or more layers of printed circuit structures, in conductive paste (5). The colors and conductive paste have the same firing temperature, and at least one electronic component (6) is fastened to the rear of the panel. The firing temperature of colors and paste is in the range 600[deg]C-700[deg]C. It is especially 620[deg]C. The substrate is single-layer safety glass. Electronic components in the printed circuit structures, comprise e.g. resistances or sensor components. A screen-printing process, followed by drying, is used to apply the tracks and colors to the substrate panel. An independent claim is included for the corresponding production.

IPC 8 full level
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CPC (source: EP)
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Citation (applicant)
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